JOINT PUBLIC NOTICE

CHARLESTON DISTRICT, CORPS OF ENGINEERS 69A Hagood Avenue Charleston, South Carolina 29403-5107 and

THE S.C. DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL

Office of Environmental Quality Control
Water Quality Certification and Wetlands Programs Section
2600 Bull Street
Columbia, South Carolina 29201

REGULATORY DIVISION
Refer to: P/N #2002-1U-472-W

8 November 2002

Pursuant to Sections 401 and 404 of the Clean Water Act (33 U.S.C. 1341), an application has been submitted to the Department of the Army and the South Carolina Department of Health and Environmental Control by

CITY OF ROCK HILL
C/O CHRIS COSTNER
STORM WATER DIVISION
P.O. BOX 11706
ROCK HILL, SOUTH CAROLINA 29731-1706

for a permit to place fill material in unnamed tributaries of

DUTCHMAN CREEK

at locations near Ebinport Road, located off of Business 21 (Cherry Road), across from Cherry Park in the City of Rock Hill, York County, South Carolina (Latitude 34.96462 N; Longitude 81.01261 W).

In order to give all interested parties an opportunity to express their views

NOTICE

is hereby given that written statements regarding the proposed work will be received by both of the above mentioned offices until

12 O'CLOCK NOON, MONDAY, 9 DECEMBER 2002

from those interested in the activity and whose interests may be affected by the proposed work.

The proposed work consists of a water quality / stormwater management project requiring impacts to 3,820 linear feet of stream (of which 1,125' is currently piped) and 0.064 acres of wetland to replace culverts, stabilize streambanks, and modify an existing detention pond. In detail, the proposed work includes the replacement of 1,125 linear feet of existing culverts with 1,338 linear feet of upsized culverts. Alteration of an existing stormwater area will require filling of 0.03 acres and flooding of 0.034 acres of wetland. Proposed channel modifications to 2,482 linear feet of stream are summarized as follows:

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IMPACT	LINEAR FEET
Riprap	122
Channel Widening / Bank Stabilization	487
Riprap / Channel Widening / Bank Stabilization	392
Retaining Wall / Channel Widening / Bank Stabilization	112
Retaining Wall / Channel Widening / Bank Stabilization / Riprap	31
TOTAL	2,482

The purpose of the proposed work, as stated by the applicant, is to minimize flooding and improve water quality.

NOTE: Plans depicting the work described in this notice are available and will be provided, upon receipt of a written request, to anyone that is interested in obtaining a copy of the plans for the specific project. The request must identify the project of interest by public notice number and a self-addressed stamped envelope must also be provided for mailing the drawings to you. Your request for drawings should be addressed to the

U.S. Army Corps of Engineers ATTN: REGULATORY DIVISION 69A Hagood Avenue Charleston, South Carolina 29403-5107

The District Engineer has concluded that the discharges associated with this project, both direct and indirect, should be reviewed by the South Carolina Department of Health and Environmental Control in accordance with provisions of Section 401 of the Clean Water Act. As such, this notice constitutes a request, on behalf of the applicant, for certification that this project will comply with applicable effluent limitations and water quality standards. The District Engineer will not process this application to a conclusion until such certification is received. The applicant is hereby advised that supplemental information may be required by the State to facilitate the review. Persons wishing to comment or object to Water Quality Certification must submit all comments in writing to the S.C. Department of Health and Environmental Control at the above address within thirty (30) days of the date of this notice.

This notice initiates the Essential Fish Habitat (EFH) consultation requirements of the Magnuson-Stevens Fishery Conservation and Management Act. Implementation of the proposed project would impact freshwater habitat upstream of estuarine substrates and emergent wetlands utilized by various life stages of species comprising the red drum, shrimp, and snapper-grouper management complexes. Our initial determination is that the proposed action would not have a substantial individual or cumulative adverse impact on EFH or fisheries managed by the South Atlantic Fishery Management Council and the National Marine Fisheries Service (NMFS). Our final determination relative to project impacts and the need for mitigation measures is subject to review by and coordination with the NMFS.

Pursuant to Section 7(c) of the Endangered Species Act of 1973 (as amended), the applicant has provided a protected species survey for the property associated with the activity described above. Based upon this report, the District Engineer has determined that the project will have no effect on any Federally endangered, threatened, or proposed species or result in the destruction or adverse modification of designated or proposed critical habitat. This public notice serves as a request for written concurrence from the U.S. Fish and Wildlife Service and/or the National Marine Fisheries Service on this determination.

The District Engineer has consulted the latest published version of the National Register of Historic Places for the presence or absence of registered properties, or properties listed as being eligible for inclusion therein, and this worksite is not included as a registered property or property listed as being eligible for inclusion

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in the Register. Consultation of the National Register constitutes the extent of cultural resource investigations by the District Engineer, and he is otherwise unaware of the presence of such resources. Presently unknown archaeological, scientific, prehistorical, or historical data may be lost or destroyed by the work to be accomplished under the requested permit.

Any person may request, in writing, within the comment period specified in this notice, that a public hearing be held to consider this application. Requests for a public hearing shall state, with particularity, the reasons for holding a public hearing.

The decision whether to issue a permit will be based on an evaluation of the probable impact including cumulative impacts of the activity on the public interest and will include application of the guidelines promulgated by the Administrator, Environmental Protection Agency (EPA), under authority of Section 404(b) of the Clean Water Act and, as appropriate, the criteria established under authority of Section 102 of the Marine Protection, Research and Sanctuaries Act of 1972, as amended. That decision will reflect the national concern for both protection and utilization of important resources. The benefit that reasonably may be expected to accrue from the project must be balanced against its reasonably foreseeable detriments. All factors which may be relevant to the project will be considered including the cumulative effects thereof; among those are conservation, economics, aesthetics, general environmental concerns, wetlands, historic properties, fish and wildlife values, flood hazards, flood plain values, land use, navigation, shoreline erosion and accretion, recreation, water supply and conservation, water quality, energy needs, safety, food and fiber production and, in general, the needs and welfare of the people. A permit will be granted unless the District Engineer determines that it would be contrary to the public interest. In cases of conflicting property rights, the Corps of Engineers cannot undertake to adjudicate rival claims.

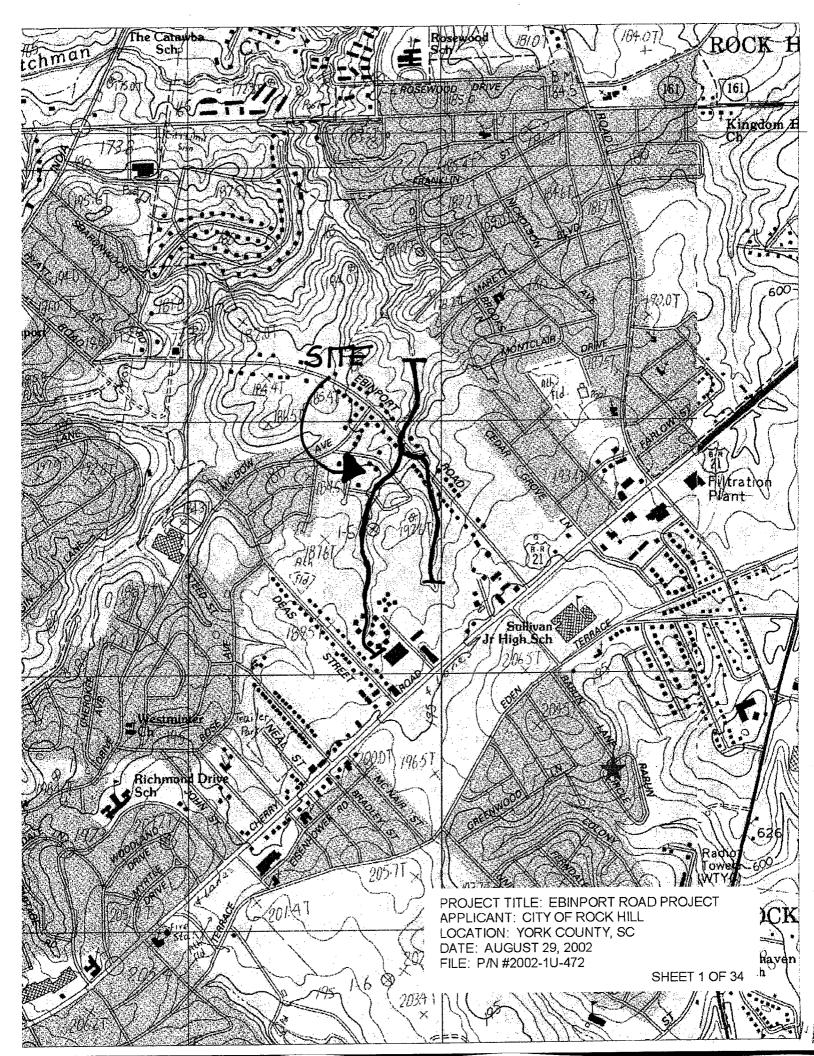
The Corps of Engineers is soliciting comments from the public; Federal, state, and local agencies and officials; Indian Tribes; and other interested parties in order to consider and evaluate the impacts of this activity. Any comments received will be considered by the Corps of Engineers to determine whether to issue, modify, condition or deny a permit for this project. To make this decision, comments are used to assess impacts on endangered species, historic properties, water quality, general environmental effects, and the other public interest factors listed above. Comments are used in the preparation of an Environmental Assessment and/or an Environmental Impact Statement pursuant to the National Environmental Policy Act. Comments are also used to determine the need for a public hearing and to determine the overall public interest of the activity.

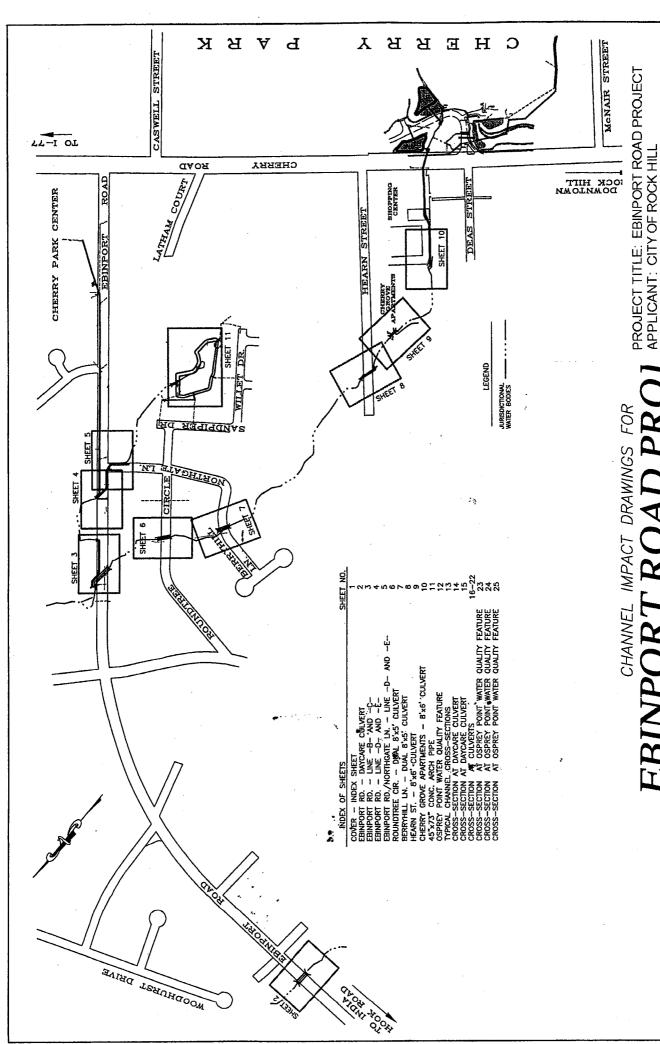
If there are any questions concerning this public notice, please contact me at 843-329-8044 or toll free at 1-866-329-8187.

Tracy Hurst

Project Manager Regulatory Division

U.S. Army Corps of Engineers





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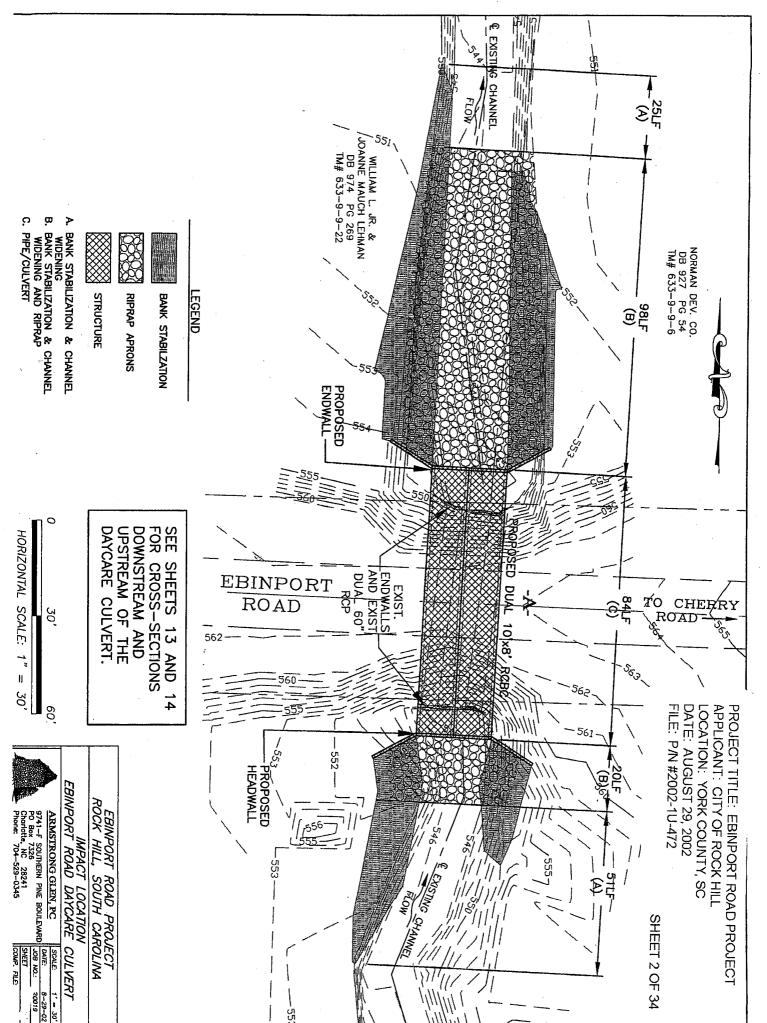
YORK COUNTY, SOUTH CAROLINA AUGUST 29, 2002

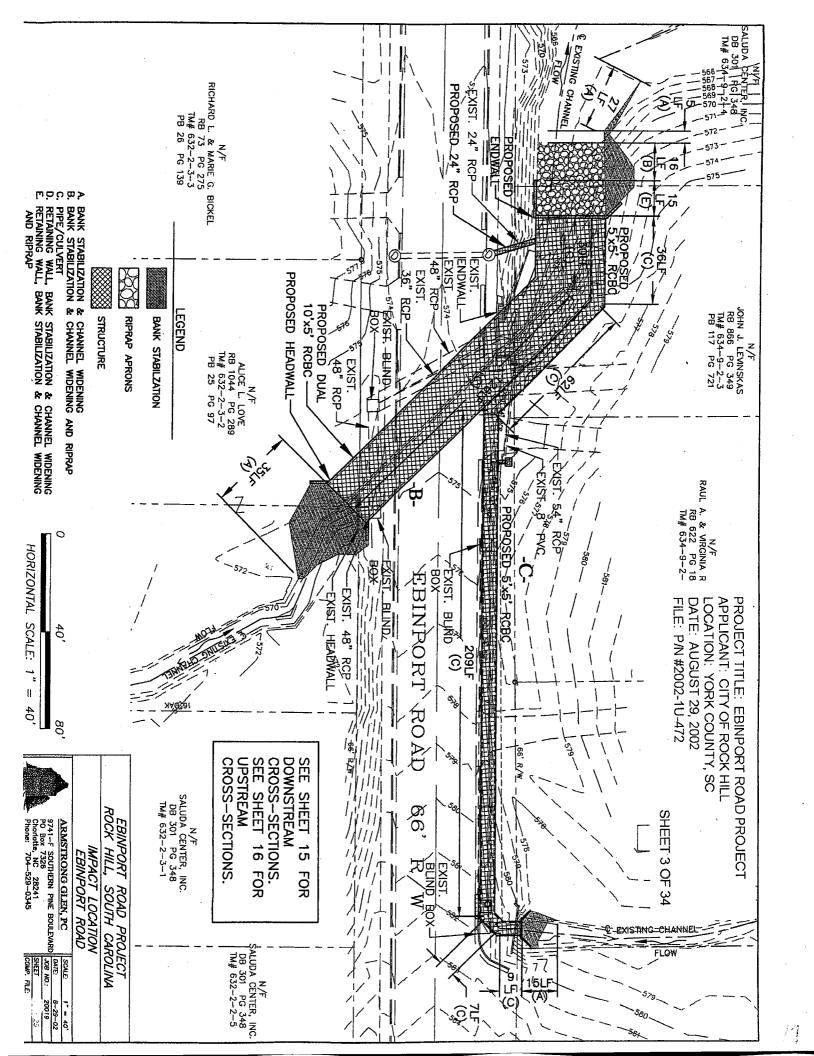
FILE: P/N #2002-1U-472

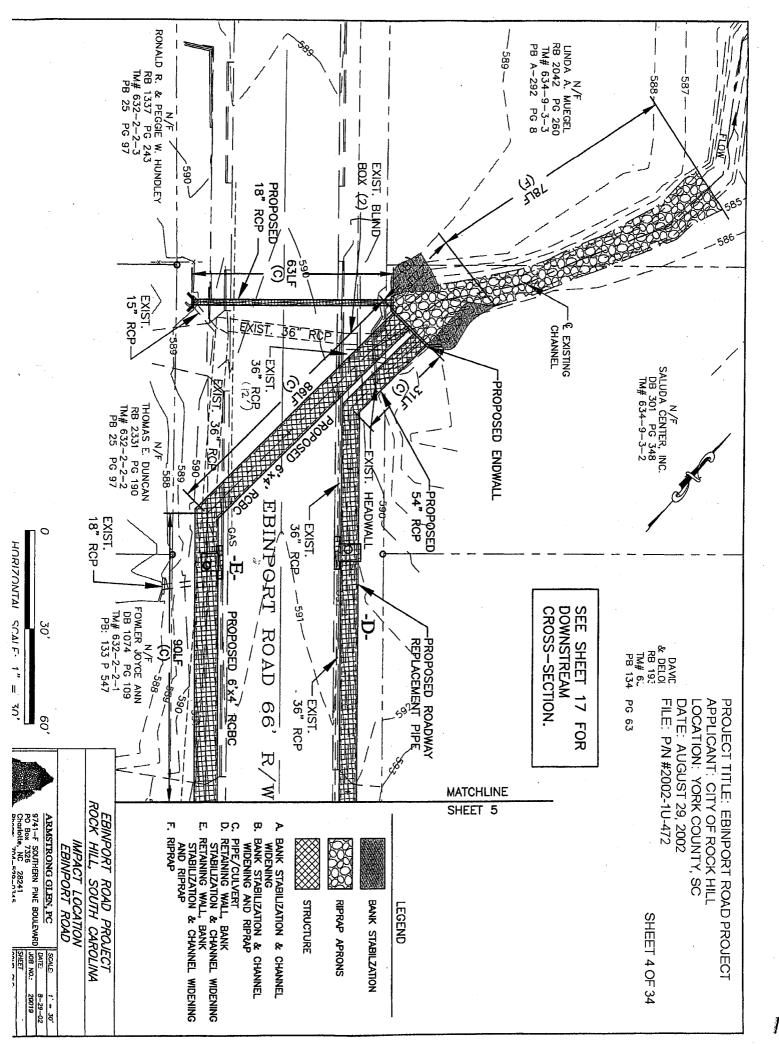
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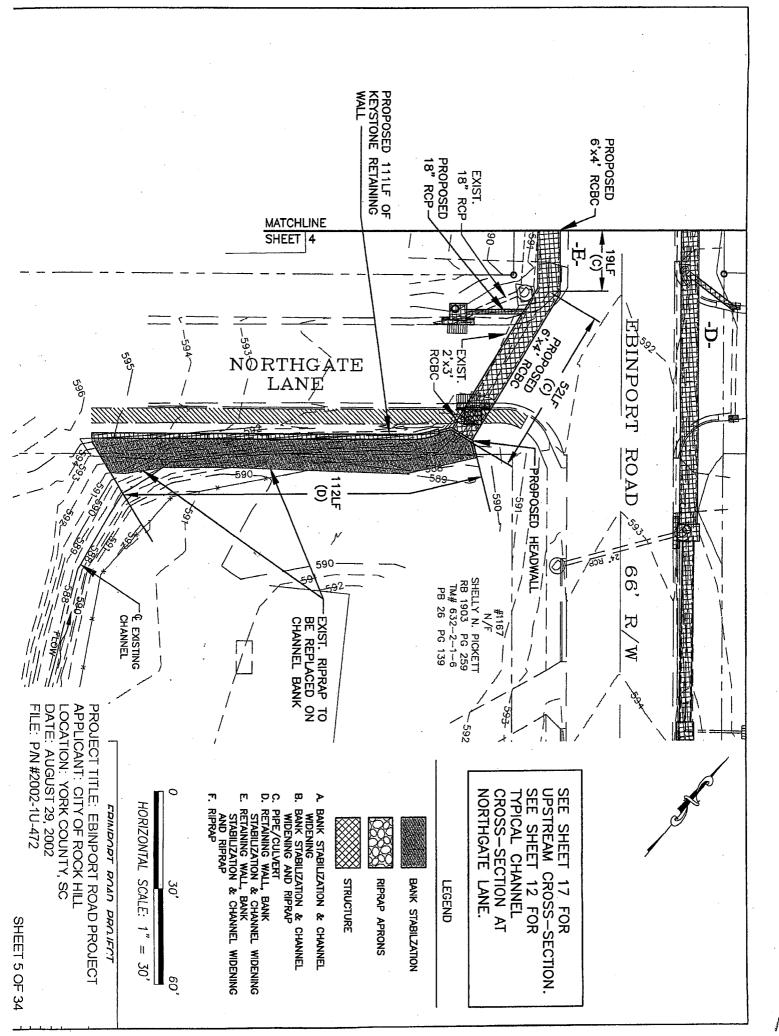
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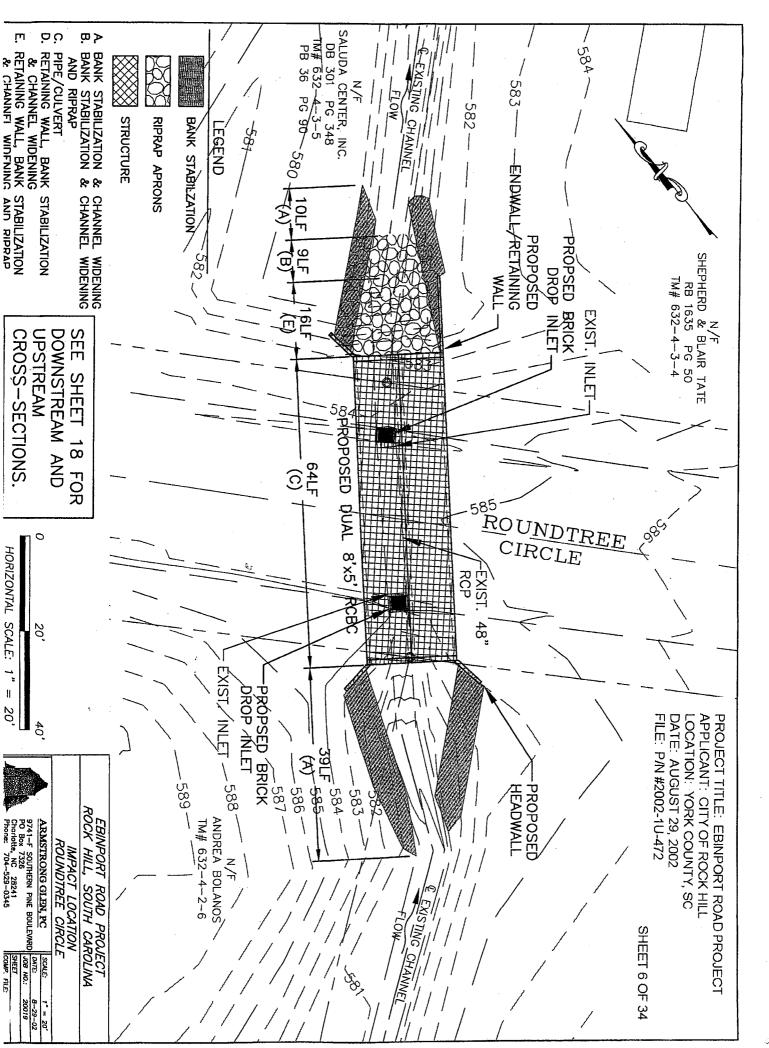
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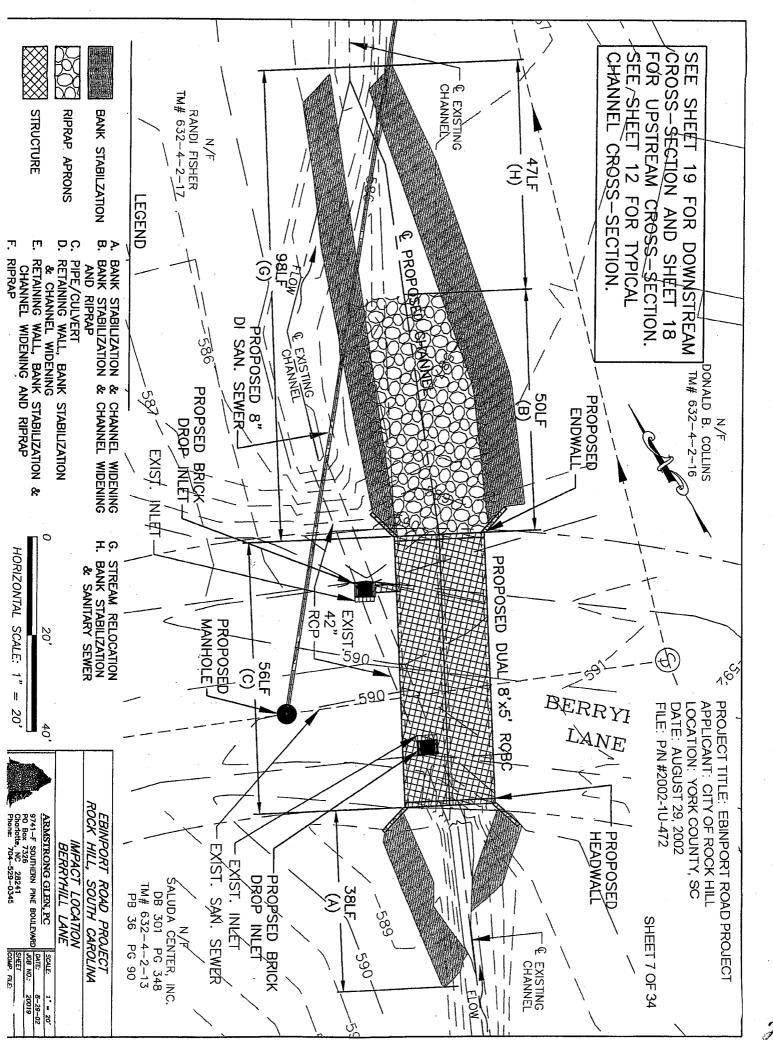


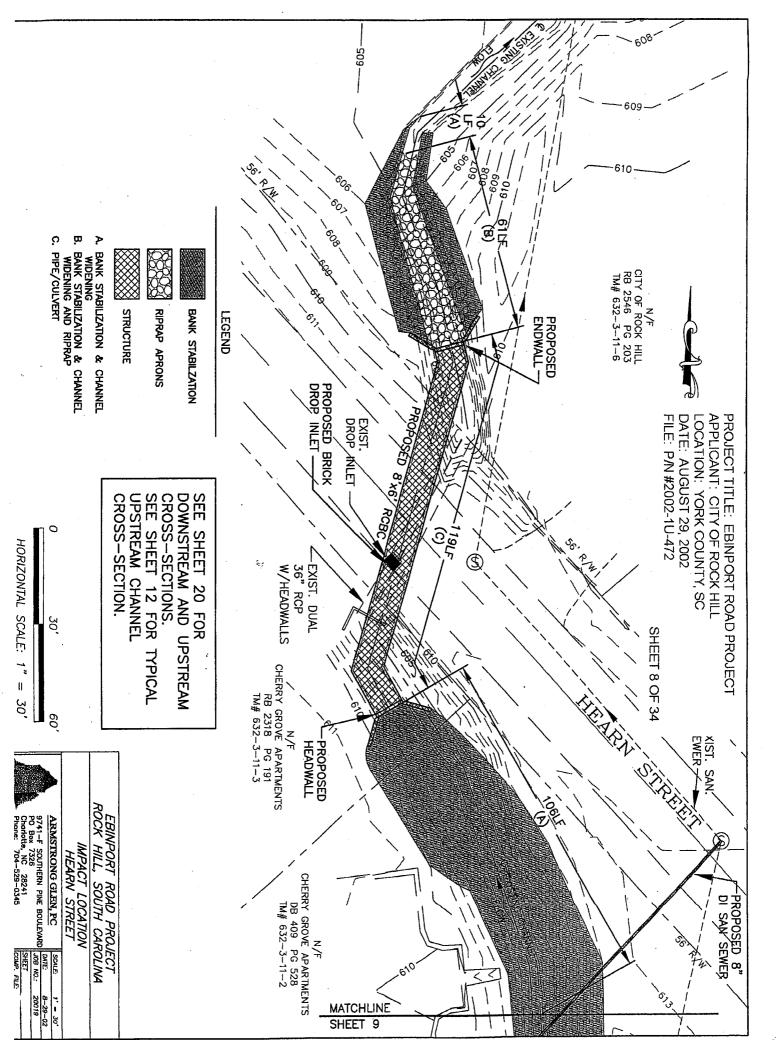


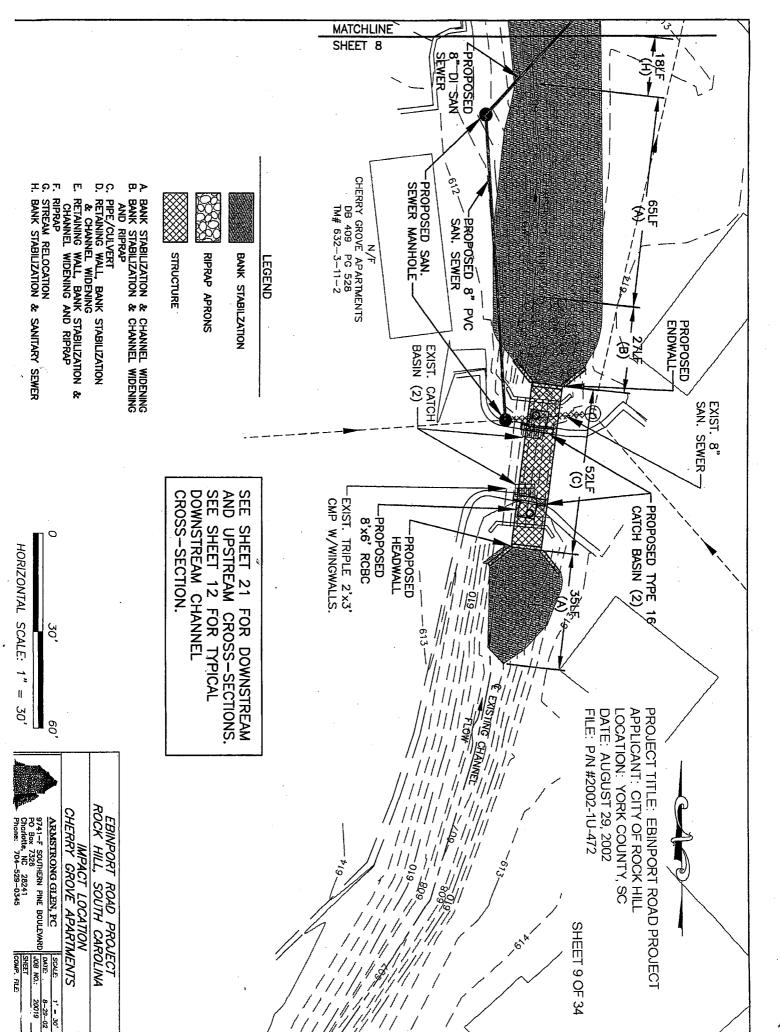


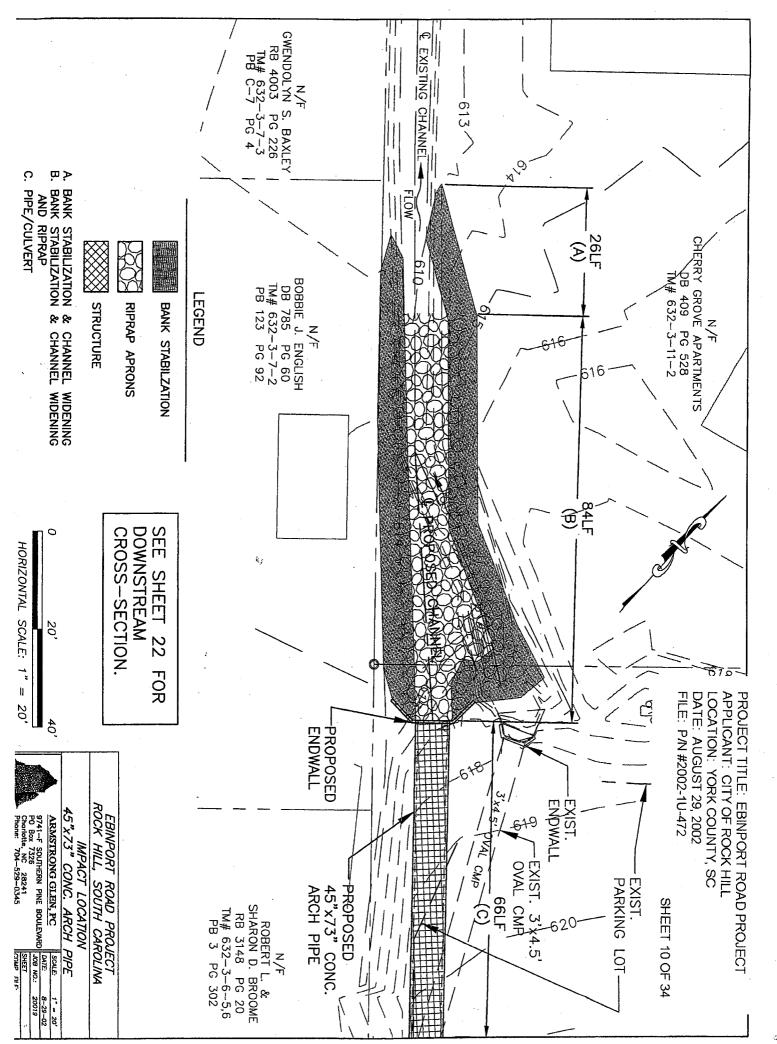


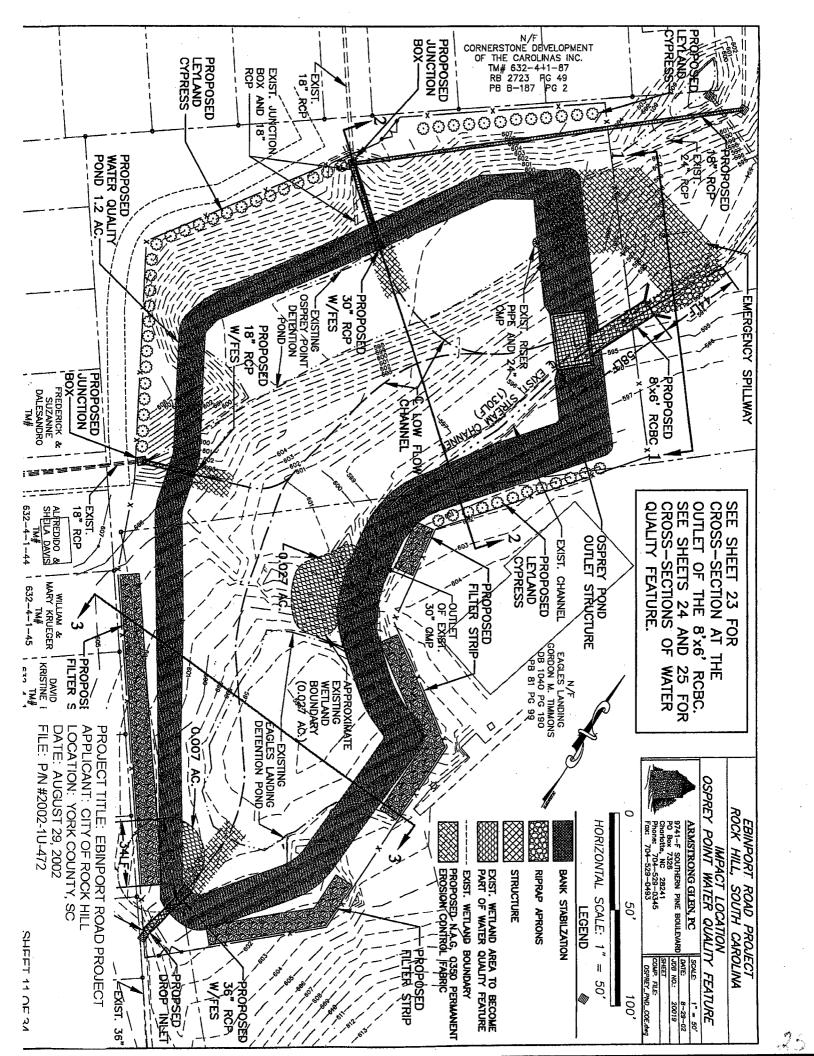


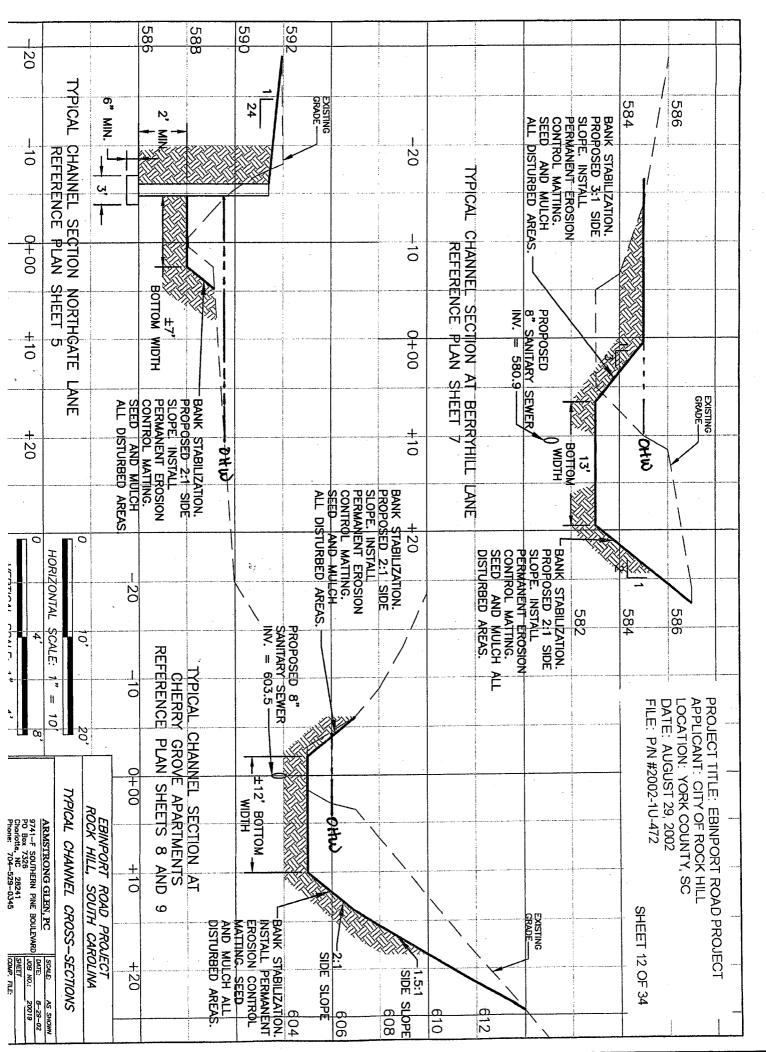


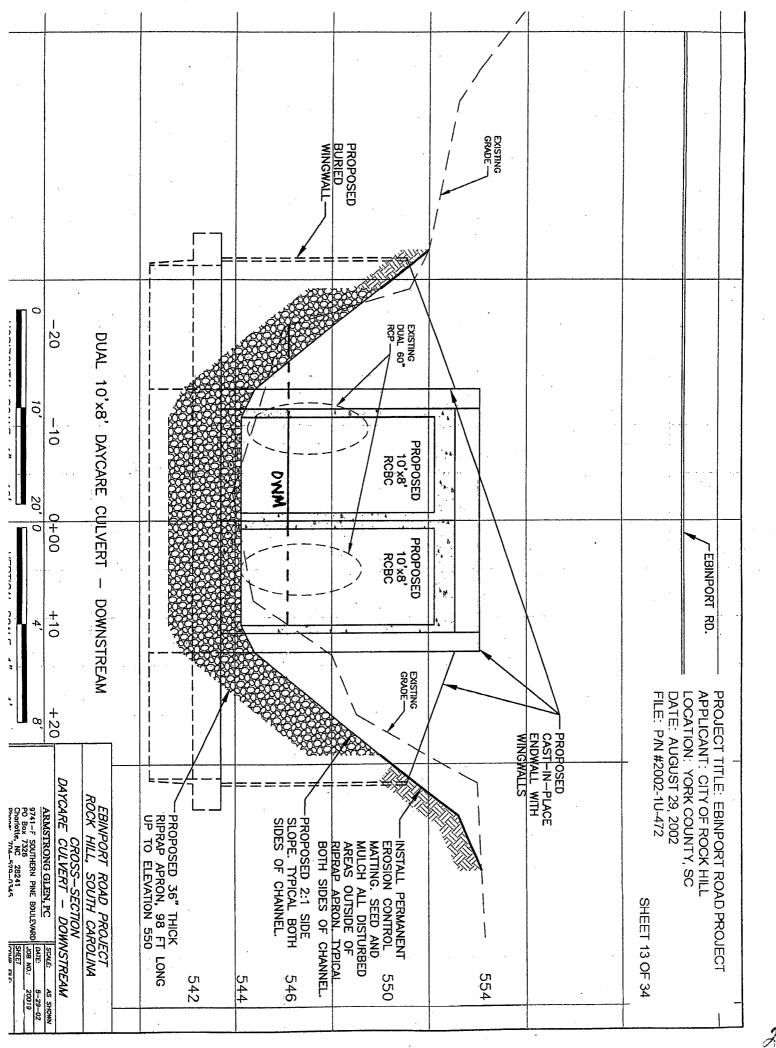


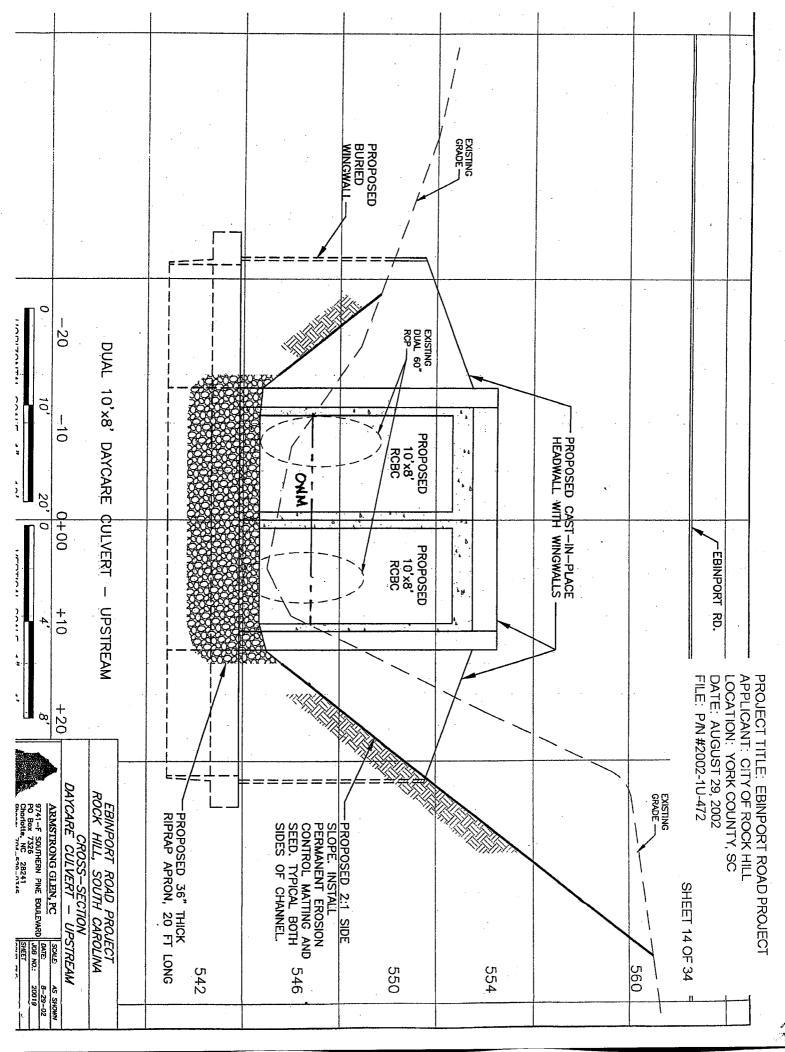


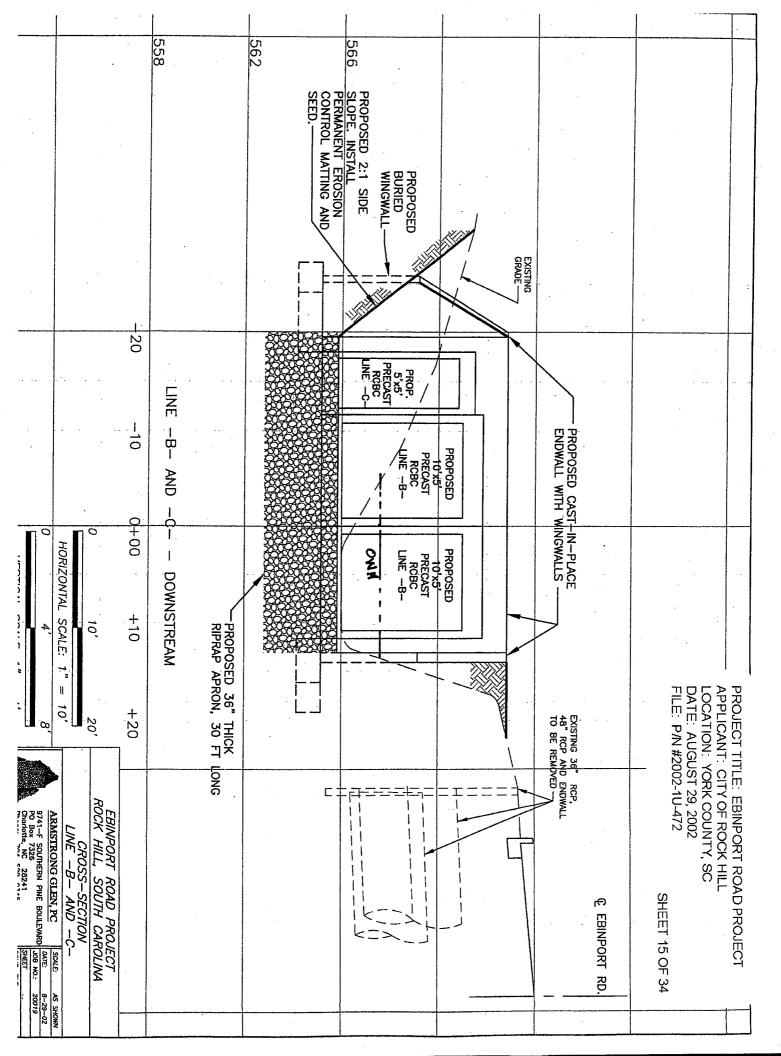


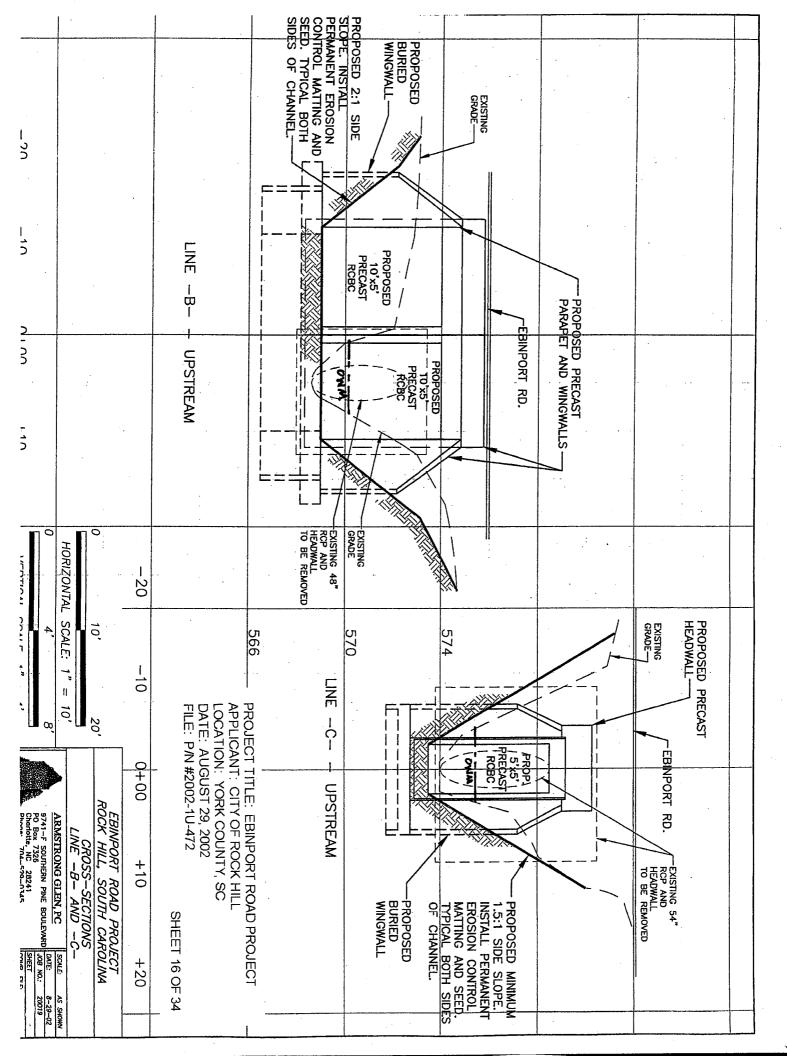


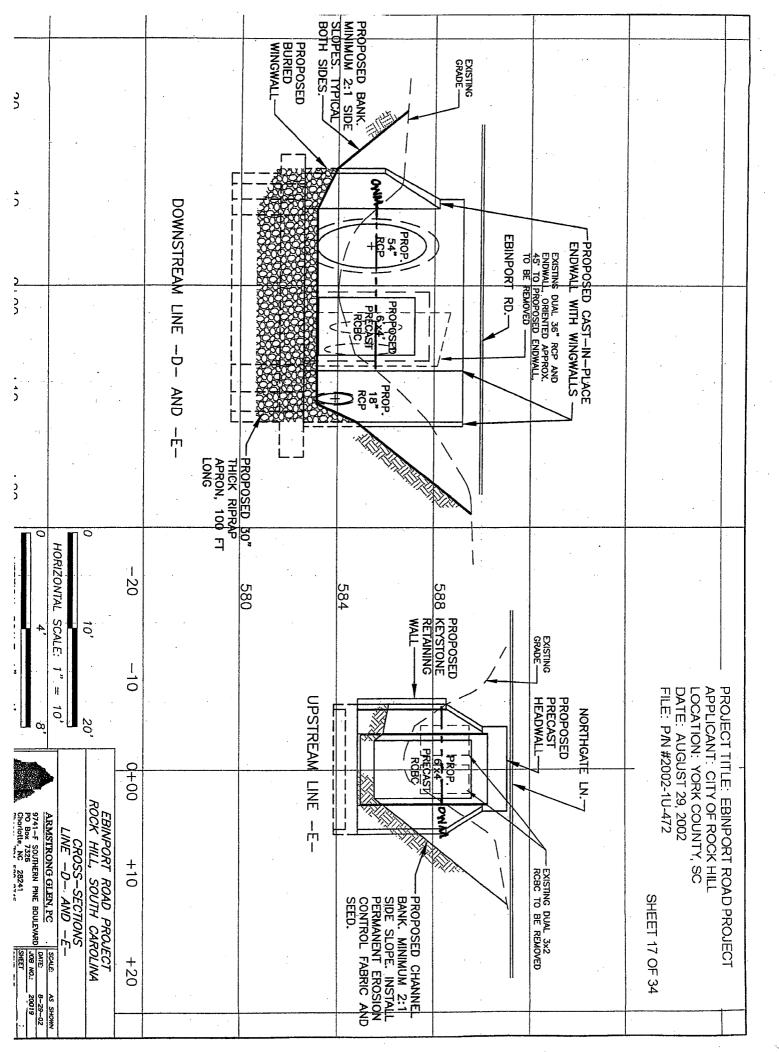


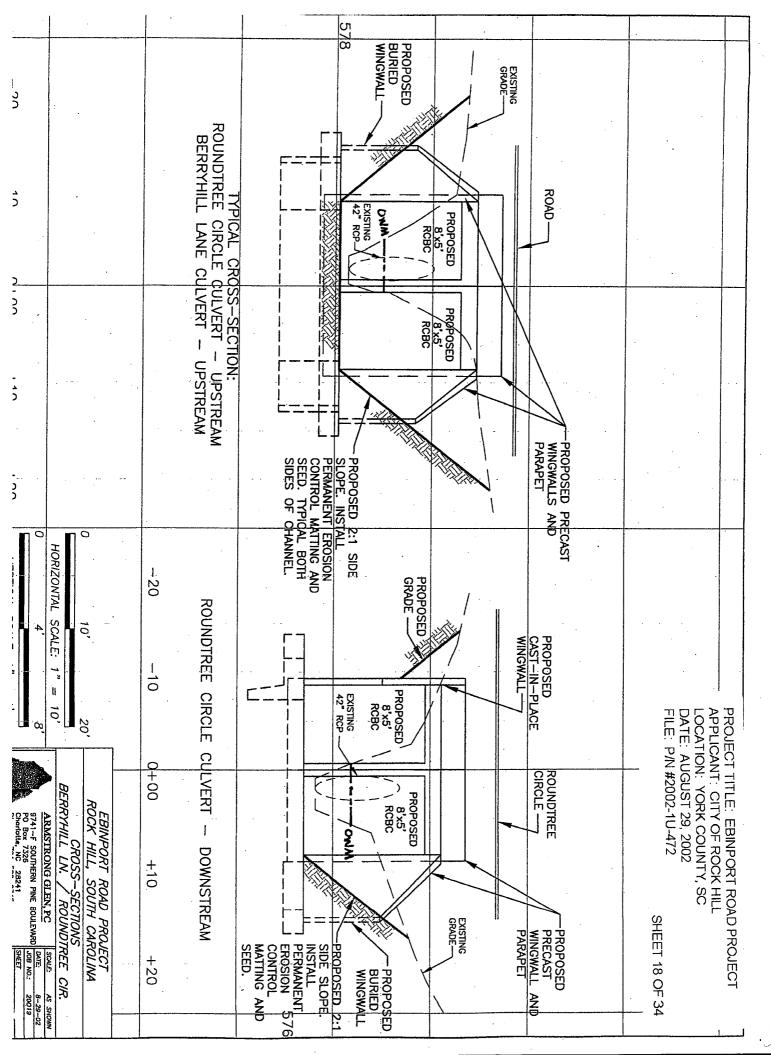


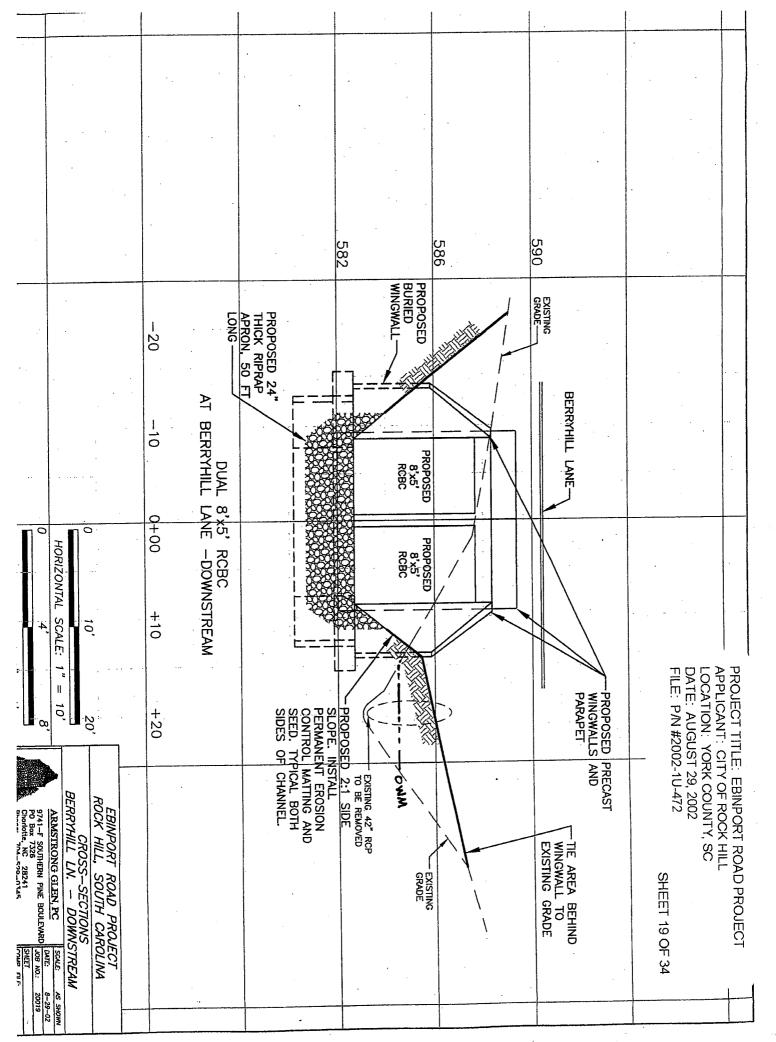


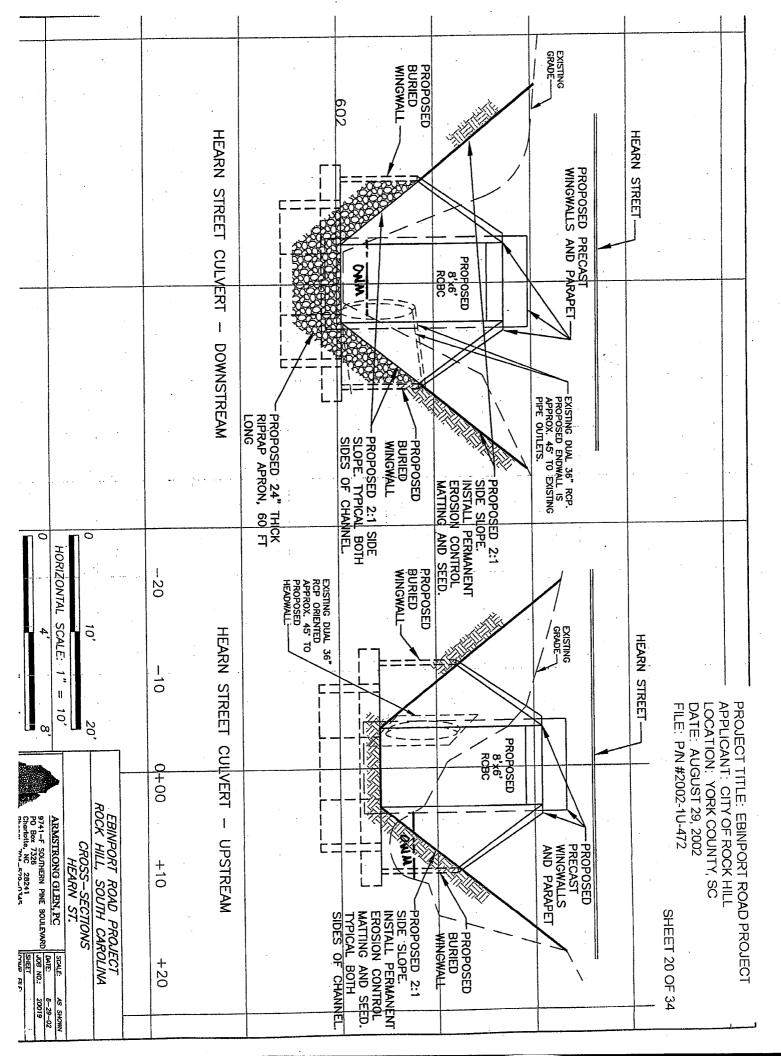


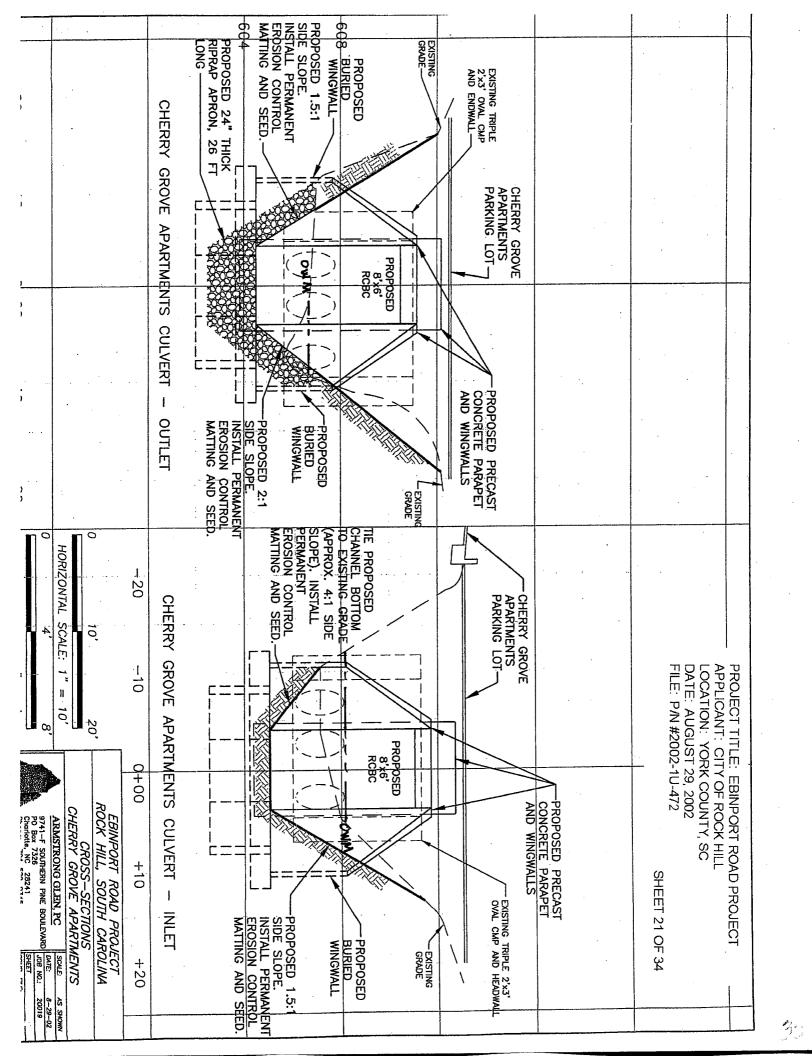


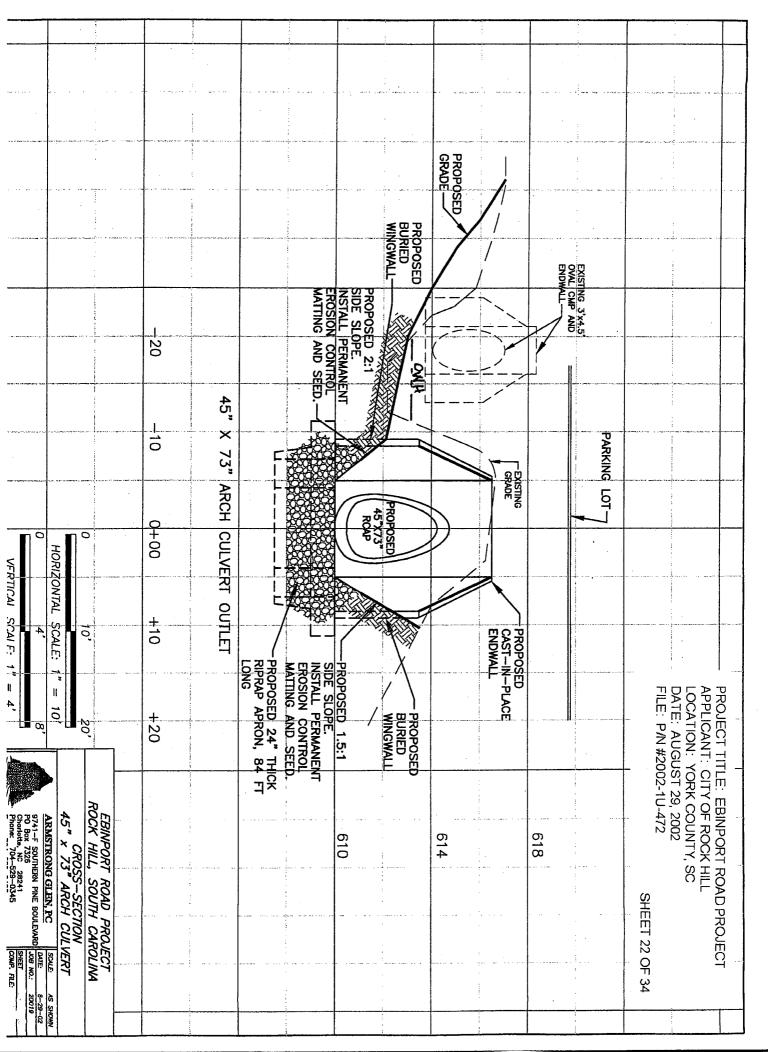


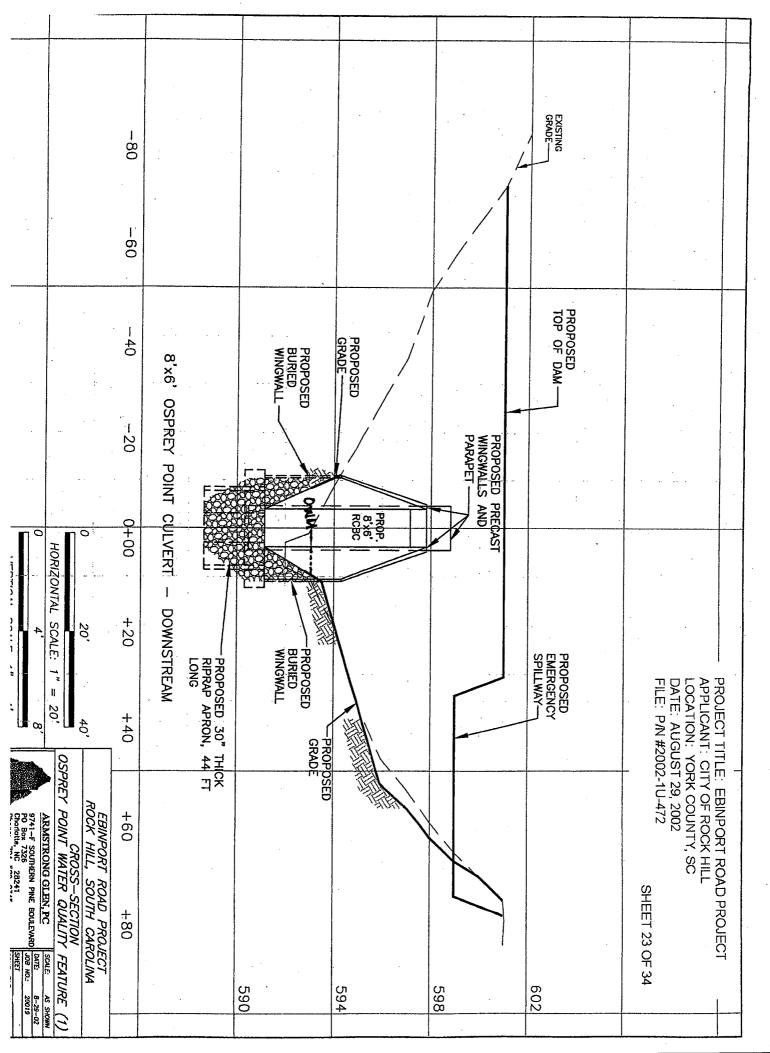


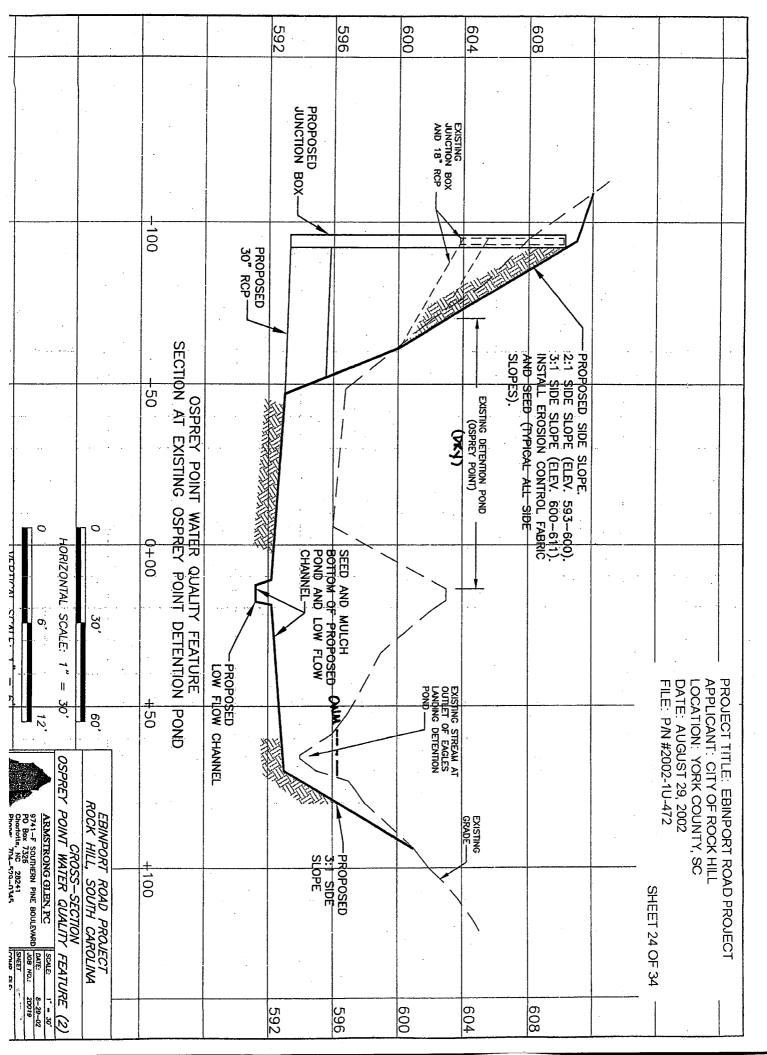


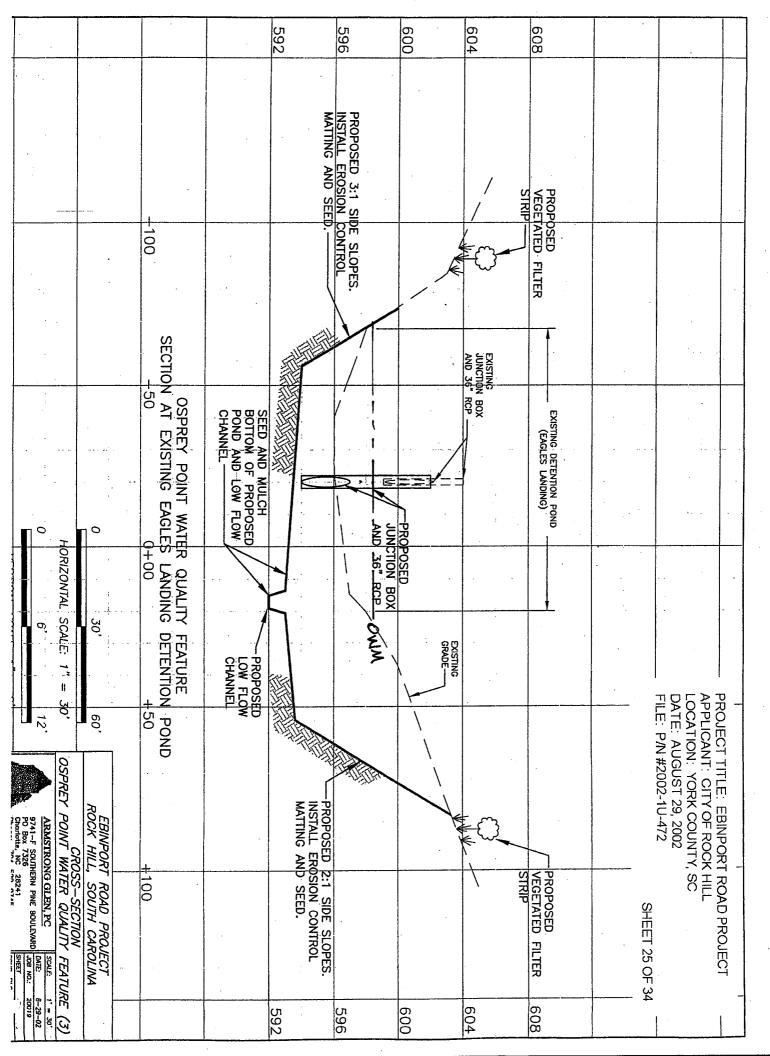












SECTION 02485 1 GRASSING

RELATED DOCUMENTS:

DRAWINGS AND GENERAL PROVISIONS OF THE CONTRACT, INCLUDING GENERAL CONDITIONS, SUPPLEMENTARY CONDITIONS, AND TECHNICAL SPECIFICATION SECTIONS, APPLY TO WORK OF THIS SECTION.

DESCRIPTION OF WORK:

ESTABLISHED LAWAS AND LANDSCAPED AREAS DAMAGED BY CONSTRUCTION ARE TO BE RESTORED TO THEIR FORMER CONDITION BY SEEDING OR SODDING. THIS SPECIFICATION PERTAINS TO PLANTING, FERTILIZING, AND CULTINATING GRASS ON ALL FILL SLOPES, CUI SLOPES, AND GRADED AREAS DISTURBED BY THE NEW CONSTRUCTION.

SIBMIT SEED VENDOR'S CERHIFIED SIXTUKINT FOR EACH GRASS SEED MIXTURE RECUIRED, STATING BOTAINCAL, AND COMMON MAME, PERCENTAGE BY WEIGHT, AND PERCENTAGES OF PURITY, GERMINATION, AND, WEED SEED FOR EACH GRASS SEED SPECIES.

DELIVER PACKAGED MATERIALS IN CONTAINERS SHOWING WEIGHT, ANALYSIS, AND INJUE OF MAILFACTURER PROTECT MATERIALS FROM DETERIORATION DURING DELIVERY, AND WHILE STORED AT THE SITE. DELIVERY, STURAGE, AND HANDLING:

THIS SPECIFICATION IS MITINDED TO PROMOE A COMPLETE CRASSING PROCEDURE WHICH IS TO BE CAREFULLY PULLUPIDE. SOME PROCEDURES MAY BE ADJUSTED, UPON CONSULTATION WITH THE ENGINEER SO AS TO MEET UNFORSEEN WEATHER AND SOIL CONDITIONS. JOB CONDITIONS:

PROCEED WITH AND COMPLETE GRASSING WORK AS RAPIDLY AS PORTIONS OF THE PROJECT SITE BECOME AVAILABLE.

SPECIAL PROJECT WARRANTO

HARRANTY GRASSING THROUGHOUT THE SPECIFIED MAINTENANCE PERIOD, AND UNTIL FINAL ACCEPTANCE.

PART 2 - PRODUCTS SOIL AMENDMENTS:

LIME: MATURAL DOLONITO: LIMESTONE CONTAINING NOT LESS THAN 85% OF TOTAL CARBONATES WITH A MINIMAL OF JOX MACKESTUA CARBONATES ROCKIND SO THAT NOT LESS THAN 90% PASSES A 10—MESH SIEVE.
SIEVE AND NOT LESS THAN 50% PASSES A 100—MESH SIEVE.

SUPERPHOSPHATE: SOLUBLE MIXTURE OF TREATED MINERALS; 20% AVAILABLE PHOSPHORIC ACID. <u>COMMERCIAL FERTILIZERS:</u> COMPLETE FERTILIZER OF NEUTRAL CHARACTER, WITH SOME ELEMENTS DERIVED FROM ORGANIC SOURCES AND CONTAINING THE FOLLOWING PERCENTIAGES OF AVAILABLE PLANT NUTRIENTS.

TOR GANSSING ADJOINING LAWNS, PROVIDE FERTILIZER WITH NOT LESS THAN 10% TOTAL NITROGEN, 10% AVAILABLE PHOSPHORIC ACID, AND 10% SQLUBLE POVINSH. WITROCEN IS TO BE A FORM THAT WILL BE AVAILABLE TO GRASS DURING THE WITAL GROWTH PERVOD. AT LEAST 50% OF MITROCEN IS TO BE ORGANIC FORM.

FOR GRASSING IN UNIMPROVED AREAS, PROVIDE FERTILIZER WITH NOT LESS THAN 5% TOTAL NITROGEN, 10% AVAILABLE PHOSPHORIC ACID, AND 10% SOLUBILE POTASH.

<u>GRASS. SEED:</u> PROVIDE FRESH, CLEAN, NEW-CROP SEED COMPLYING WITH TOLERANCE FOR PURITY AND GERMINATION ESTABLISHED BY OFFICAL SEED ANALYSTS OF NORTH AMERICA.

ANTI-EROSION MATERIALS:

<u>MIT—DESICOMIT.</u> PROMOS LUDIO ASPHALI OR EMILISTED ASPHALI TYPE FLIM—TOBHING ACENT, DESICNED TO PERMIT TRANSPARTON BUT RETARD ENCESSING LOSS OF MOSSURE. DELIGER IN MANUFACTURER'S FULLY IDENTRED CONTAMERS AND MIX IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS. MULCH: PROVIDE CLEAN, SEED-FREE HAY OR THRESHED STRAW OF WHEAT, RYE, DATS, OR BARLEY.

UQUID ASPHALT (KEROSENE THINNED) IS TO BE USED DURING FREEZING WEATHER. UQUID ASPHALT IS TO BE EITHER RAPID OR MEDIUM CURING.

<u>PERMANENT EROSION CONTROL MATTING:</u> NORTH AMERICAN GREEN P300. SEE MANUFACTURERS INSTALLATION INSTRUCTIONS. EMULSIFIED ASPHALT (WATER THINNED) IS TO BE USED WHEN TEMPERATURES ARE ABOVE FREEZING.

PART 3 - EXECUTION

<u>PREPARATION OF PLANTING SOIL</u>. MIX LIME WITH DRY SOIL PRIOR TO MIXING OF FERTILIZER. PREVENT LIME FROM CONTACTING ROOTS OF ACID-LOVING PLANTS.

PREPARATION OF SEED BED: LOOSEN SUBGRANDE OF AREAS TO BE GRASSET DA AMMILIA DEPTH OF 4.* REMONE STONES DERT 1 1/2.º HAMY LIMEDISON AND STOKES, ROOTS, RIBBESH AND OTHER EXTRANEOUS MATTER. LIMIT PREPARATION TO AREAS WHICH WILL BE PLANTED PROMPTLY AFTER PREPARATION. APPLY PHOSPHORIC ACID FERTILIZER (DTHER THAN THAT CONSTITUTING A PORTION OF COMPLETE FERTILIZERS) DIRECTLY TO SUBGRADE BEFORE APPLYING PLANTING SOIL AND TILLING.

PAPRY SECURED COMMERCIAL FERTILIZER AT THE SPECIFED BATES, AND THOROUGHLY MIX INTO THE UPPER 2" OF THE SEED BED. DELAY APPLICATION OF FERTILIZER IF LAWN PLANTING WILL NOT FOLLOW WITHIN A FEW DAYS. GOOD SURFACE DRAINAGE OF THE BED MUST BE PROVIDED. VISIBLE PONDING WILL NOT BE ALLOWED. SEED BED IS TO COMPONE TO GROUND ELEMATIONS AS SHOWN ON THE CONSTRUCTION DENIMINGS, OF AS WAS EXERTING PRIOR TO CONSTRUCTION. LIGHT ROLLING AND MITIBAL STITLEMENT SHOULD BE TAKEN MITO ACCOUNT. THE COMPLETED SEED BED SHOULD BLEND UNIFORMLY INTO THE SURROUNDING TOPGGROPHY.

IN ESTABLISHED LAWN ABEAS, EINE GAADE SEED BED TO A SHOOTH, EXEN SHERACE WITH LODGE, LIWEFDARLY FINE TEXTURE. ROUL, RAKE, AND DRUG LAWN ABGES, RELONG RIDGES, AND FILL DEPRESSIONS AS RECURED TO MEET FINISHED GAADES. LIMIT FINE GRAUNG TO AREAS WHICH CAN BE PLANTED MANEDATELY AFTER

RESTORE SEED BEDS TO SPECIFIED CONDITIONS IF ERODED OR OTHERWISE DISTURBED AFTER FINE GRADING AND PRIOR TO PLANTING. MOISTEN PREPARED LAWN AREAS BEFORE GRASSING IF SOIL IS DRY. WATER THOROUGHLY AND ALLOW SURFACE MOISTURE TO DRY BEFORE PLANTING. DO NOT CREATE A MUDDY SOIL CONDITION.

SOW SEED USING A SPREADER OR SEEDING MACHINE. DO NOT SEED WHEN WIND VELOCITY EXCEDS 5 MILES PER HOUR. DISTRIBUTE SEED EVENLY OVER ENTIRE AREA BY SOWING EQUAL QUANTITY IN TWO DIRECTIONS AT RIGHT ANGLES TO EACH OTHER. DO NOT USE WET SEED OR SEED WHICH IS MOLDY OR OTHERWISE DAMAGED IN TRANSIT OR STORAGE.

SOW NOT LESS THAN THE QUANTITY OF SEED SPECIFIED.

rake seed lightly into the top one—eighth inch of soil, roll lightly, and water with a fine Sprax.

PROTECT SEEDED SLOPES AGAINST EROSION BY SPREADING SPECIFIED LAWN MILCH AFTER COMPLETION OF SEEDING OPERATIONS. SPREAD INFORMATY TO FORM A CONTINUOUS BLANKET NOT LESS THAN 1 1/2". LOOSE MEASUREMENT, OVER SEEDED AREAS.

HYDROSEEDING NEW LAWNS:

MIX SPECIFED SEED, FERTILIZER, AND PULKERIZED MILCH IN WATER, USING EQUIPMENT SPECIFICALLY DESCINED FOR HYDROXEED PAPULATION. COMTRIVE MIXING UNTIL UNIFORMLY BLEVIED NTD HOMOGENOUS SLURRY, SUTABLE FOR HYDRAULIC APPLICATION.

APPLY SLURRY UNIFORMLY TO ALL AREAS TO BE SEEDED. RATE OF APPLICATIONS IS TO BE AS REQUIRED TO OBTAIN SPECIFIED SEED SOWING RATE.

AFER FERTILIZING, SEEING, RAKING, AND TILLING, DRED STRAW IS TO BE UNIFIDALIT SPREAD OVER THE AREA AT THE RATE OF 90 POUNDS PER 1000 SQUARE FEET. STRAW IS TO BE SPRAYED WITH LIQUID ASPAULT TO BOND AND ANCHOR IT.

UQUID ASPHALT (KEROSENE THINNED) IS TO BE APPLIED AT A RATE OF 150 GALLONS PER TON STRAW (APPROXIMATELY 7 GALLONS PER 1,000 SQUARE FEET).

MINTENANCE:

BEGIN MAINTENANCE IMMEDIATELY AFTER PLANTING.

MANTAIN SEDED AREAS FOR NOT LESS THAN 80 DAYS AFTER SUBSTANTAL COMPLETION, AND LONGER AS REQUIRED TO ESTABLISH AN ACCEPTABLE STAND. IF SEEDED IN FALL AND NOT GIVEN FULL SO DAYS OF MAINTENANCE, OR IF NOT CONSIDERED ACCEPTABLE AT THAT TIME, CONTINUE MAINTENANCE THE FOLLOWING SPRING UNTIL AN ACCEPTABLE STAND IS ESTABLISHED.

MANTAN CRASSING BY MATERING, FERTILIZING, WEEDING, MOMING, TRIMAING, AND OTHER OPERATIONS SUCH AS ROLLING, REGRADING AND REPLANTING AS REQUIRED TO ESTABLISH A SMOOTH, ACCEPTABLE LAWN, FREE OF ERODED BARE AREAS.

GRASSING MAY BE INSPECTED FOR ACCEPTANCE IN PARTS ACREEMBLE TO THE BROWNER, PROVIDED WORK OFFERED FOR INSPECTION IS COMPLETE, INCLUDING MANTEWACE. WHEN GRASSING IS COMPLETED, INCLUDING MAINTENANCE. THE ENGINEER WILL, UPON REQUEST, MAKE AN INSPECTION TO DETERMINE ACCEPTABILITY.

MHEN INSPECTED GRASSING DEES NOT COMPLY WITH THE REQUIREMENTS. REPLACE RELECTED WORK AND CONTINUE SPECIFIED MAINTENANCE UNTIL REINSPECTED BY THE ENGINEER AND FOUND ACCEPTABLE.

SEASONAL SEEDING MIXTURES AND RATES OF APPLICATION:

INICISS OPHERMISE REQUIRED BY THE STATE OR THE ENGINEER (PURSUANT TO POTENTIAL EROSION OF DITCHES OR STEEP SLOPES) SEED MITHIM ROAD RIGHT-OF-MAY MILL BE TREATED LIKE ESTABLISHED LIMPS. SEASONAL SEEDING MIXTURES AND RATES OF APPLICATION SHALL BE AS FOLLOWS. ALL RATES ARE IN POUNDS PER 1000 SOUNCE FEET. SEEDING WITHIN RIGHT-OF-WAYS OF STATE ROADWAYS WILL BE ACCOMPLISHED IN ACCORDANCE WITH THE REQUIREMENTS PERTAINING TO MAINTAINED LAWNS.

SEPTEMBER 15 - MARCH 1

MAINTAINED LAWNS

6 | KENTUCKY FESCUE NO. 31 2 | RYE GRAW 30 | FERTILIZER (10-10-10) 100 | LIME 12 | SUPERPHOSPHATE

INIMPROYED AREAS

4 KENTUCKY FESCUE NO. 31
2 FRYE GRAW
20 FERRILIZER (5-10-10)
100 LIME
12 SUPERPHOSPHATE

UNIMPROYED AREAS — SLOPES GREATER THAN 2:1. OR OTHER AREAS SUBJECT TO EROSION

30 | FERTILIZER (5-10-10) 100 | LIME 12 | SUPERPHOSPHATE 2 / KENTUCKY FESCUE NO. 31 4 / SERICEA LESPEDEZA (UNSCARIFIED) 2 / RYE GRAIN

FEBRUARY 1 - OCTOBER 15

MAINTAINED LAWNS

8 | KENTUCKY FESCUE NO. 3
30 | FERTUZER (10-10-10)
100 | LIME
12 | SUPERPHOSPHATE

UNIMPROVED AREAS

E { KENTICKY FESCUE ND. 31 2 | SUDMIGASES (MAY, LINE, AND JULY ONLY) 20 | FERTILIZER (5-10-10) 10 | LINE 12 | SUPERPHOSPHATE

END OF SECTION 02485



PROJECT TITLE: EBINPORT ROAD PROJECT

FILE: P/N #2002-1U-472 **DATE: AUGUST 29, 2002** LOCATION: YORK COUNTY, SC APPLICANT: CITY OF ROCK HILL



